

L10 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN

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TI Riboflavin fatty acid esters

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CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

XP-002380913

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 49055697	A2	19740530	JP 1972-98172	19720930
PRAI	JP 1972-98172	A	19720930		

AB Riboflavin fatty acid esters were prepd. by reacting riboflavin (I) [83-88-5] with >C3 satd. or unsatd. fatty acids or their anhydrides in the presence of polyphosphoric acid esters. Thus, 50 g iso-Pr polyphosphate was added to a mixt. of 2 g I and 10 g linolic acid [60-33-3] in pyridine and the whole warmed 2 hr at to give 46 g I tetralinolate [\*\*\*37707-56-5\*\*\*]. I tetrabutyrate [752-56-7] was also prepd.

ST riboflavin fatty acid ester

IT 83-88-5, reactions

RL: RCT (Reactant); RACT (Reactant or reagent)  
(esterification of)

IT 752-56-7P \*\*\*37707-56-5P\*\*\*

RL: SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of)

IT 60-33-3, reactions

RL: RCT (Reactant); RACT (Reactant or reagent)  
(with riboflavine)

IT \*\*\*37707-56-5P\*\*\*

RL: SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of)

RN 37707-56-5 CAPLUS

CN Riboflavin, 2',3',4',5'-tetra-9,12-octadecadienoate, (all-Z)- (9CI) (CA INDEX NAME)

